

PASS Error Processing

Question	Resolution/Steps
What is Error Processing?	<p>Error processing is the validation that occurs from the record submission process that provides the AIP's a way to track and resolve errors that occur within the file submission process and errors that occur within the records submitted.</p>
When does Error Processing occur? File Submission	<ol style="list-style-type: none"> 1. All files are immediately date/time stamped when they land on the FTP server. 2. Once an AIP submits a file to the individual "Upload" folder the FTP service performs the following checks: <ol style="list-style-type: none"> a. FTP service checks to see if it is a valid ZIP file. If the ZIP file is corrupted and cannot be opened, it is moved to the common upload folder with a dot-BADZIP extension. b. FTP Service checks file to see if there is only one file inside the ZIP. If there is more than one file located in the ZIP, the file is moved to the common upload folder with a dot-BADZIP extension. c. FTP Service checks to see if the AIP indicated in the file name is the same as the AIP indicated in the user id that submitted the file. If the AIP indicated does not match, the file is moved to the common upload folder and the name of the file is modified to indicate that the file is invalid with a dot-BADAIP extension. 3. System Level Error Handling within the FTP process includes the following scenarios: <ol style="list-style-type: none"> a. SQL Server folder is not available. If this happens, the FTP Server service will leave the file(s) in the staging folder. When SQL Server becomes available, the files are copied. b. The file size on SQL Server does not match the FTP server. If this happens, the FTP Transfer Service will attempt to copy the file again. If the size still does not match, an error is logged to the file system and an email is sent to the support team. The FTP Transfer Service will then suspend all further copying until the issue is resolved.
When does Error Processing occur? CCAVE Error Processing.	<ol style="list-style-type: none"> 1. Once the file has been successfully uploaded and validated, the zip will be returned to the common download folder in the following format: <ol style="list-style-type: none"> a. [AIPCode][ReinsuranceYear][ApplicationCode][BatchNumber].ZIP, (for example AN2011P0003.zip). b. Three text files are returned within the ZIP file - the original text file with the appended output fields and a filename of [AIPCode][ReinsuranceYear][ApplicationCode][BatchNumber].TXT c. Unknown Record text file (AN2011P0003Unknown.txt), and an Exception Record text file (AN2011P0003Exception.txt). d. The Unknown Record (P98Z) contains errors in which validation could not occur due to the error. The Unknown Record contains the following Unknown Reason Codes: <ol style="list-style-type: none"> i. '1': The Reinsurance Year does not match the Reinsurance Year on the batch file name. ii. '2': The AIP Code does not match the AIP Code on the batch file name. iii. '3': The Record Type Code is not in the list of accepted Record Type Codes (by Reinsurance Year).

PASS Error Processing

- iv. '4': The record has the wrong number of delimiters for the Record Type.
- v. '5': The record is missing pipe delimiters.
- vi. '6': One or more record columns exceed allowable maximum width.
- vii. '7': Record type outside of valid submission startdate/enddate.

Note* In conjunction with unknown reason code '6' the P98Z Exception record contains a field called "OverflowColumns" and it contains the index of all fields in the input record that were too large to fit into their associated staging table. The index is 1-based, and indicates the position in the current row where the field was too large.

If it has more than 1m rows or any single row is greater than 5,000 characters, it is considered a malformed file & the entire batch is dumped. The zip file will contain a single P98Z record which will have the name of the submitted file as it exists in the AIP's upload folder. If the number of records exceeds the maximum allowed the file is considered malformed and the Malformed Batch Code contains a Malformed File, "M". If any single row exceeds the maximum allowed length the batch is considered malformed and the Malformed Batch Code contains a Malformed Row, "R".

- a. The **Exception Record (P99Z)** contains errors in which validators using requirements defined in the Appendix III resulted in the capture of errors within the record and at the record level.
- b. The Exception Record contains Rule ID's that have been violated. Rule ID's are maintained within the D00001 rule list.
- c. The Exception Record also contains the following process result codes that identify the status of the processing for that record:

A	Accepted
K	Rejected, but with an established LRR or Escrow Fund recorded as appropriate.
M	Accepted with Messages
R	Rejected
W	Accepted with Warnings

- d. When record-level rules are validated the field name and number will be left blank and the Rule ID will contain the number of the record level error that has occurred.
2. CRDS will capture individual unknown rows; the max length of an individual row is 5,000 ch, where an individual row exceeds 5,000 ch, it becomes a malformed batch.
 3. CRDS will log file index information on malformed batches but will not capture the submitted data.